~~accessed in conducting the search.~~ storing predefined information relative to said first

pattern; and

   a search tree engine to correlate the first pattern with information stored in

selected ones of the plurality of data structures and forward the predefined information

found in a said leaf included in the selected ones of the plurality of data structures if

match occurs between the first pattern and a second pattern stored in said leaf wherein

a format for the direct table includes at least one of the pattern search control block

including a next pattern address points to a next pattern search control block, a leaf

control block address points to one of the plurality of leaves, a next bit or bits to test and

a direct leaf.

Claim 15: In the first line of claim 15 replace "The computer readable medium" with "A computer system comprising a computer readable medium"

15. (currently amended) **A computer system comprising** a computer medium
~~containing a plurality of data structures for finding a match of claim 14,~~

Claim 16: as above

16. (currently amended) **A computer system comprising** a computer medium

~~containing a plurality of data structures for finding a match of claim~~ 15,

Claim 17: as above

17. (currently amended) **A computer system comprising** a computer medium

containing a plurality of data structures for finding a match of claim 15,

Claim 18:

18. **(cancelled)** (cancel claim 9)

In the first line of claim 19, Replace "The computer readable medium" with "A computer system comprising a computer readable medium".

Claim 19:

19. (currently amended) <u>**A computer system comprising**</u> a computer medium ~~containing a plurality of data structures for finding a match of claim~~ 14,

Claim 20:   *as above*

20. (currently amended) <u>**A computer system comprising**</u> a computer medium

containing a plurality of data structures for finding a match of claim 14,

Claim 21:   *as above*

21. (currently amended) <u>**A computer system comprising**</u> a computer medium

~~containing a plurality of data structures for finding a match of claim~~ 14, *"14" "14"*

Claim 22:   *"14" NOT "18", Since 18 was cancelled. Thank,*

22. (currently amended) <u>**A computer system comprising**</u> a computer medium

~~containing a plurality of data structures for finding a match of claim~~ 14,

Claim 23:   *as above*

23. (currently amended) <u>**A computer system comprising**</u> a computer medium

~~containing a plurality of data structures for finding a match of~~ claim 14,